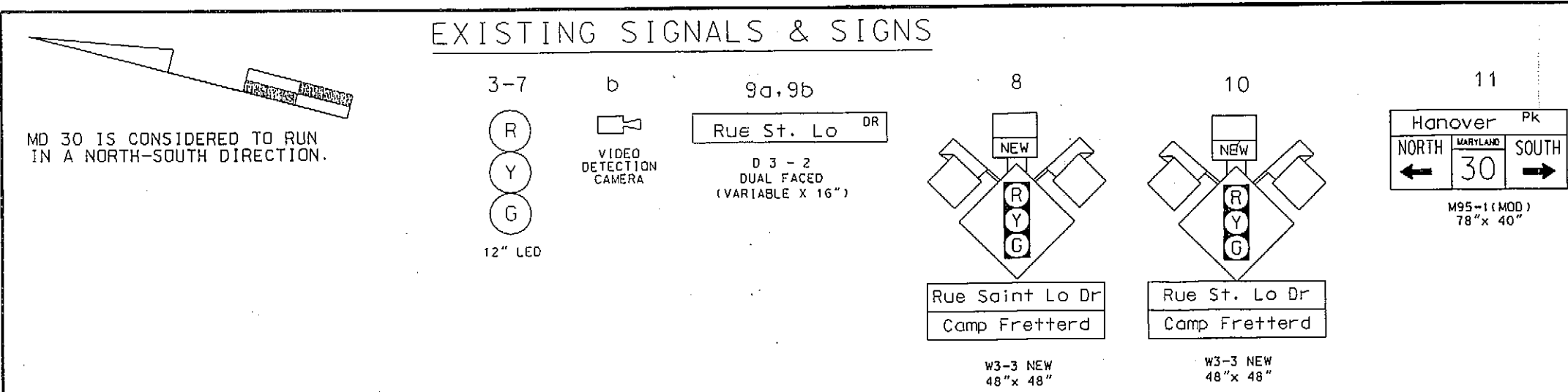
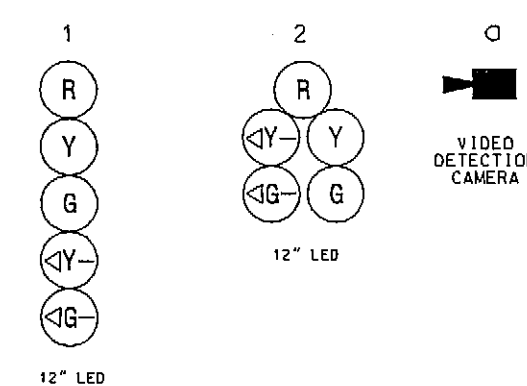


ORDER REV. DATE: June 1, 2004

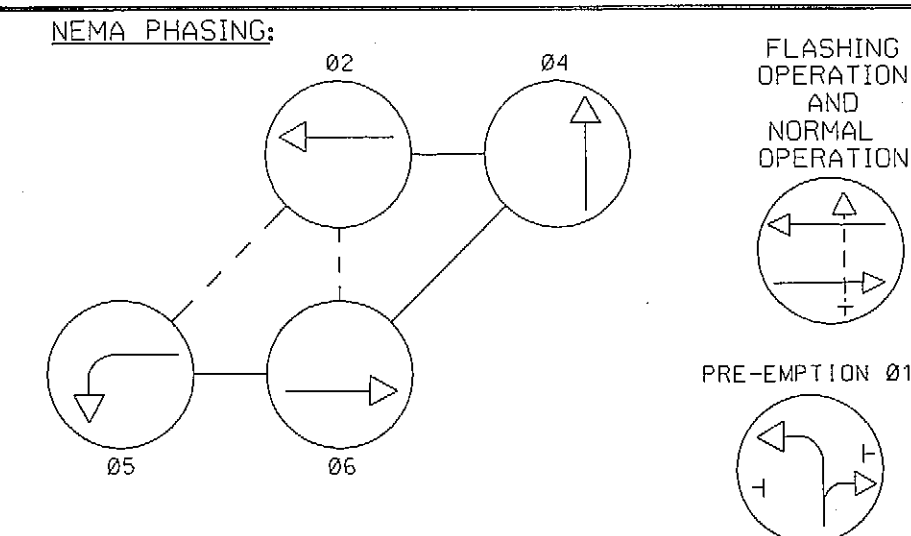


PROPOSED SIGNALS & VIDEO DETECTION CAMERA



CONSTRUCTION DETAILS

- A. INSTALL THE PROPOSED 5 SECTION SIGNAL HEAD ON THE EXISTING MAST ARM. REMOVE THE EXISTING 3 SECTION SIGNAL HEAD.
- B. INSTALL THE PROPOSED 5 SECTION SIGNAL HEAD ON THE EXISTING MAST ARM POLE.
- C. INSTALL THE PROPOSED VIDEO DETECTION CAMERA ON THE EXISTING MAST ARM.
- D. USE THE EXISTING CONDUIT.
- E. USE THE EXISTING HANDHOLE.
- F. MODIFY THE CONTROLLER TO ADD AN E/P LEFT TURN TO N/B MD 30 (TO BE COMPLETED BY THE SHA SIGNAL SHOP).

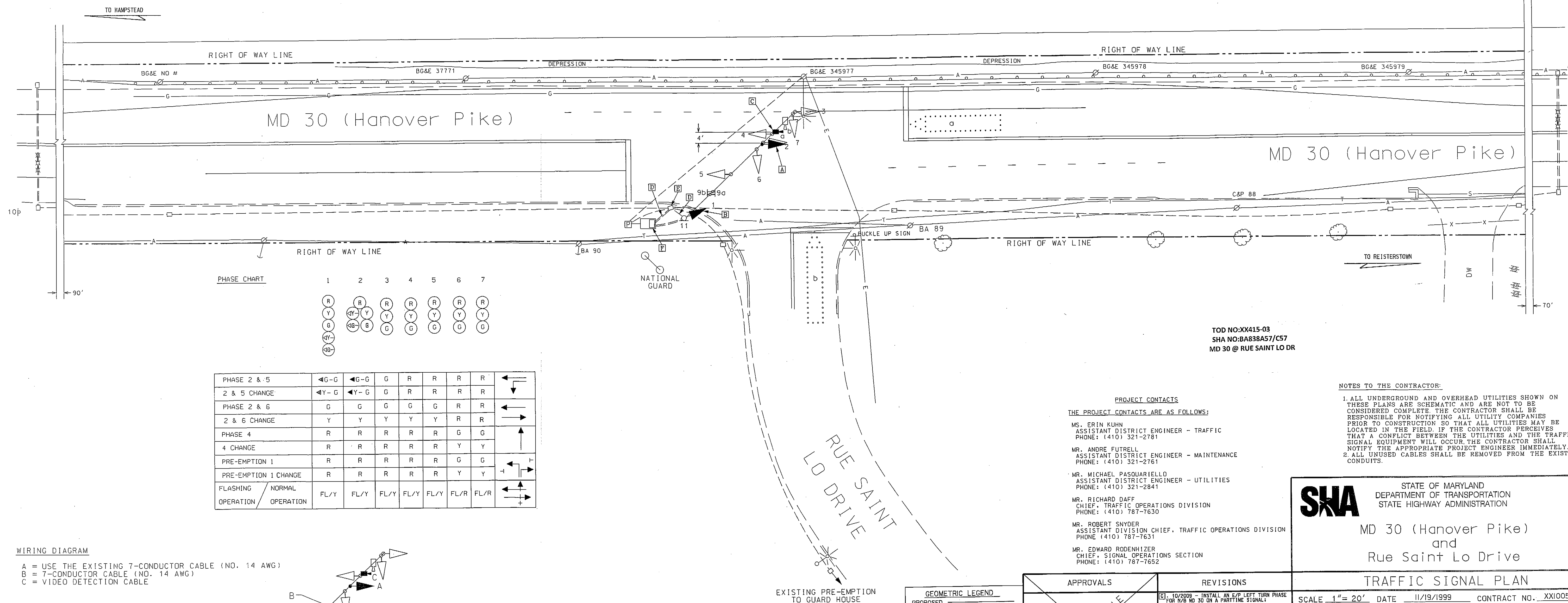


NEMA NOTES:

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
3. PHASES SHALL OPERATE FROM TUESDAY TO FRIDAY (6AM TO 7 AM AND 5 PM TO 6 PM).

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
1001	1 EACH	MAINTENANCE OF TRAFFIC
8001	10 EACH	F & I 12" VEHICULAR BLACK FACED LED TRAFFIC SIGNAL HEAD SECTION
8017	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
8048	1 EACH	F & I VIDEO DETECTION CAMERA & CABLE
8059	50 L.F.	F & I 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)



TOD NO:XX415-03
SHA NO:BA838A57/C57
MD 30 @ RUE SAINT LO DR

NOTES TO THE CONTRACTOR:

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.

2. ALL UNUSED CABLES SHALL BE REMOVED FROM THE EXISTING CONDUITS.

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

MS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 321-2781

MR. ANDRE FUTRELL
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761

MR. MICHAEL PASQUARIELLO
ASSISTANT DISTRICT ENGINEER - UTILITIES
PHONE: (410) 321-2841

MR. RICHARD DAFF
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC
PHONE (410) 397 3631

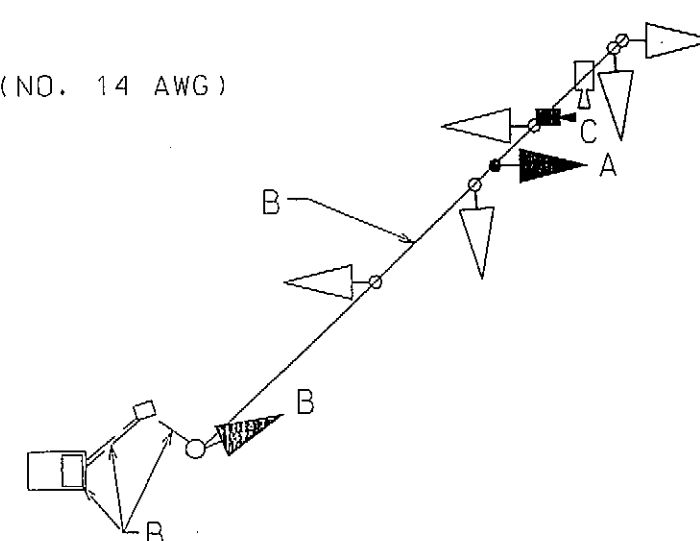
MR. EDWARD RODENHIZER
CHIEF, SIGNAL OPERATIONS SECTION

PHONE: (410) 787-7652

APPROVALS

WIRING DIAGRAM

A = USE THE EXISTING 7-CONDUCTOR CABLE (NO. 14 AWG)
B = 7-CONDUCTOR CABLE (NO. 14 AWG)
C = VIDEO DETECTION CABLE



GEOMETRIC LEGEND

PROPOSED _____

EXISTING _____

**LEGEND OF UNDERGROUND
AND OVERHEAD UTILITIES**

AERIAL CABLE	— A —	A —
ELECTRIC	— E —	E —
TELEPHONE	— T —	T —
GAS	— G —	G —
SEWER	— S —	S —
WATER	— W —	W —
CABLE TV	— TV —	TV —

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISONS			
C. 10/2009 - INSTALL AN E/P LEFT TURN FLAS FOR N/B MD 30 ON A PARTTIME SIGNAL:			
SHA NO.	AT934485185	TIMS NO.	J580
WFL	0001	WFL	0001
B. 10/04/2007 - UPGRADE FLA TO NEW PART TIME SIGNAL:			
SHA NO.	AT93651851	TIMS NO.	1398
WFL	0001	WFL	0001
A. 12/2000 - ELECTRIC FLAG WITH P.B. AT GUARDHOUSE:			
SHA NO.	022000	TIMS NO.	E393
	0001		0001

TRAFFIC SIGNAL PLAN			
SCALE 1" = 20'	DATE 11/19/1999	CONTRACT NO. XX1005485	
DESIGNED BY RJM	COUNTY BALTIMORE		
DRAWN BY GLG	LOCALITE 03003002.25		
CHECKED BY	TIMS NO. J980		
F.A.P. NO.	TOD NO.		
TS NO. 3955C	DRAWING NO. 1 OF 1	SHEET NO.	OF

PLOTTED: FRIDAY, OCTOBER 02, 2009 AT 9:28:05 AM
FILE: J980GP01.DGN